

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3216660

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JORDAN J GREEN	09/10/2014
JOEL C. SUNSHINE	09/08/2014
KARLO PERICA	10/08/2014
JONATHAN SCHNECK	12/12/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE JOHNS HOPKINS UNIVERSITY
<b>Street Address:</b>	3400 N. CHARLES STREET
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21218
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14363955
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)277-9177
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	919-277-9100
<b>Email:</b>	patents@wardandsmith.com
<b>Correspondent Name:</b>	WARD AND SMITH, P.A.
<b>Address Line 1:</b>	5430 WADE PARK BLVD
<b>Address Line 2:</b>	WADE II, SUITE 400
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27607
<b>ATTORNEY DOCKET NUMBER:</b>	111232-00286
<b>NAME OF SUBMITTER:</b>	JEFFREY W. CHILDERS
<b>SIGNATURE:</b>	/JEFFREY W. CHILDERS/
<b>DATE SIGNED:</b>	02/05/2015
<b>Total Attachments: 6</b>	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif

PATENT ASSIGNMENT

This Assignment is made by Jordan J. Green of Nottingham, MD; Joel C. Sunshine of Pikesville, MD; Karlo Perica of Baltimore, MD; and Jonathan Schneck of Silver Spring, MD (hereinafter "Assignors"), to The Johns Hopkins University, a non-profit organization duly organized and existing under the laws of the State of Maryland having its principal office and place of business at 3400 N. Charles Street, Baltimore, MD 21218 (hereinafter "Assignee").

WHEREAS, Assignors have invented, or are the owners of the entire right and title in, certain new and useful improvements concerning Artificial Antigen Presenting Cells Having a Defined and Dynamic Shape, the invention being described in and identified by a patent application filed on June 9, 2014, as U.S. Patent Application Serial No. 14/363,955.

AND, WHEREAS, Assignee desires to acquire the entire right, title, and interest in the application and the invention and improvements on the invention, and in Letters Patent on the same when granted in any and all countries.

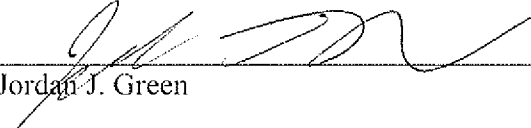
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors by these presents do hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, the entire right, title, and interest in and to the application and the invention, and in any improvements on the invention previously or in the future made or acquired by Assignors, and to all rights of priority to the same pursuant to the International Convention for the Protection of Industrial Property, and in and to any and all patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any United States or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

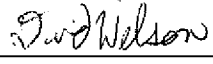
Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors possess their full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind, their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for said invention in all countries and to vest in the Assignee complete title to the invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.


**ASSIGNOR:**

  
\_\_\_\_\_  
Jordan J. Green 9/10/14  
Date

Witnessed by:

  
\_\_\_\_\_  
Date 9/10/14

Print Name: David Wilson

  
\_\_\_\_\_  
Date

Print Name: Randall Meyer



**ASSIGNOR:**

Joel C. Sunshine

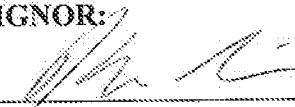
Date

Witnessed by:

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

**ASSIGNOR:**

  
Karlo Perica

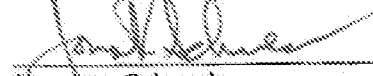
10/8/14  
Date

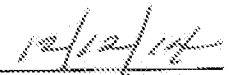
Witnessed by:

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

ASSIGNOR:

  
Jonathan Schneck

  
Date

Witnessed by:

\_\_\_\_\_ Date

Print Name: \_\_\_\_\_

\_\_\_\_\_ Date

Print Name: \_\_\_\_\_

**ASSIGNEE:**

The Johns Hopkins University

By: Jill E. Uhl

Name/Title: Jill E. Uhl, Intellectual Property Director

Witnessed by:

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

\_\_\_\_\_  
Date  
Print Name: \_\_\_\_\_

ND: 4823-3407-4651, v. 1